



NITFS Compliance Registration



Product: SOCET GXP Version 2.0.1.20051111
With NTM module U2.4 and RULER, Version 12.0
Sponsor: BAE Systems National Security Solutions
Developer: BAE Systems National Security Solutions

Date: 06 February
Expiration: 2006
Registration # 05 February
2008
2039

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- PENTIUM
- MS Windows NT w/ SP 6A
- MS Windows XP with RULER version 12.0 and NTM Module U2.4 software plug-ins for National Technical Means capability

NITFS Features Implemented:

Format

NITF

☒ v2.1

☒ v2.0

☐ v1.1

NSIF

☒ v1.0

Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer *

☐ IEEE Real *

☐ IEEE Complex *

Annotation Segment Types

☐ Bit Mapped **

☒ CGM, 2301

☒ CGM, 2301A

☐ Labels **

Text Segments

☒ STA

☐ UT1

☐ U8S

☒ MTF

Image Segment Types

☒ MONO

☒ RGB

☐ RGB/LUT

☒ YCbCr

☐ MULTI

☐ NODISPLAY

☐ POLAR

Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☒ JPEG Downsample

☐ JPEG Lossless

☒ JPEG 2000

☐ Bi-Level

☐ Vector Quantization

☐ Multiband JPEG, Individual Band

Data Extension Segments

☐ TRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☒ Controlled Extensions **

☐ Registered Extensions **

Tagged Record Extensions

☒ -PIAE

☒ -NSDE

☒ -ICHIPB

☐ -IOMAPA

☒ -NBLOC

☐ -RPC00B

☐ -USE00A

☐ -STDIDC

☒ -HISTOA

☒ Fully implemented

☒ Partially implemented

☐ Not implemented

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to the National Geospatial-Intelligence
Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.